



Presentation to the Minnesota Rural Electrical Association  
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Minnesota State Demographer  
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# + What is the role of the MN State Demographic Center?



- Analyze, interpret and distribute data from state, U.S. Census Bureau and other sources
- Create population estimates and projections
- Serve as a liaison to the Census Bureau
- Offer data and technical assistance to legislators, all levels of government, organizations and citizens across the state
- Monitor trends and help MN to make data-informed decisions



Topics  
for today



# 3 big

demographic trends

Your questions and  
insights



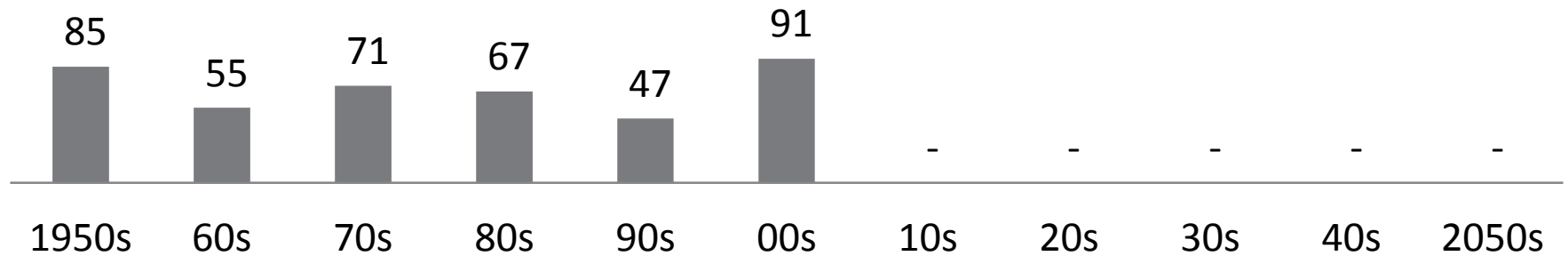
Trend #1:  
Population  
aging is  
beginning to  
affect MN and  
the nation



# + Number of older adults will increase substantially over the next 20 years



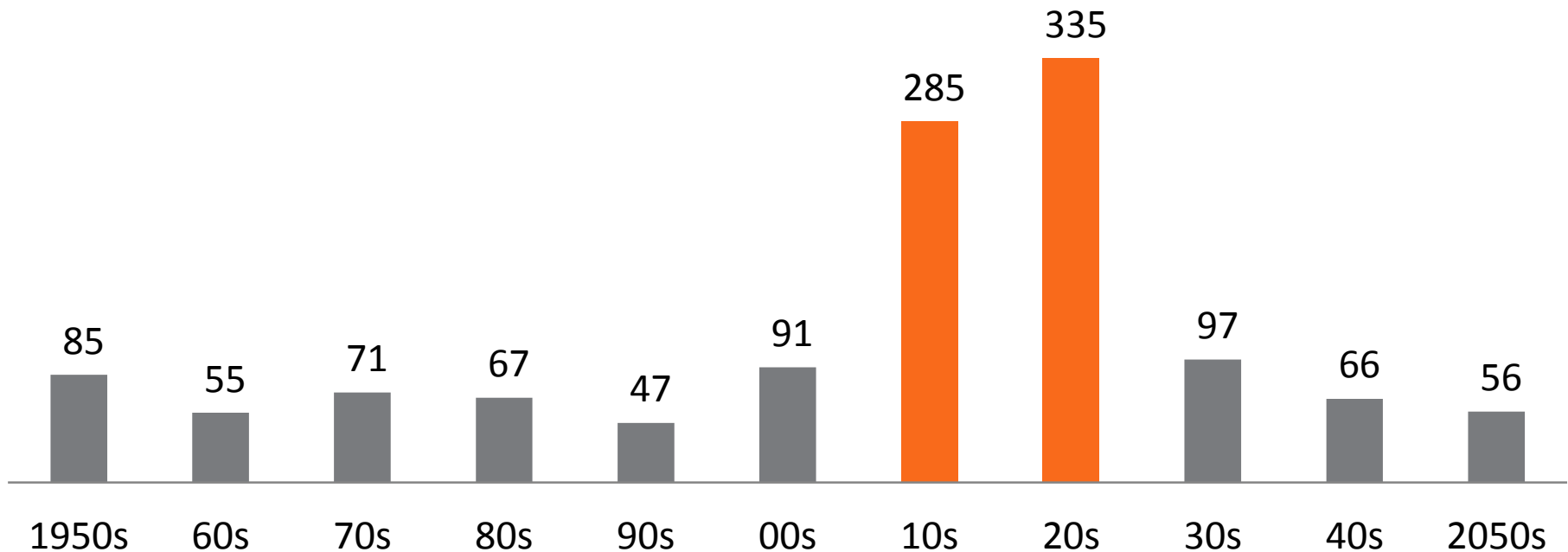
**Change in older adults, age 65+ (Thousands)**



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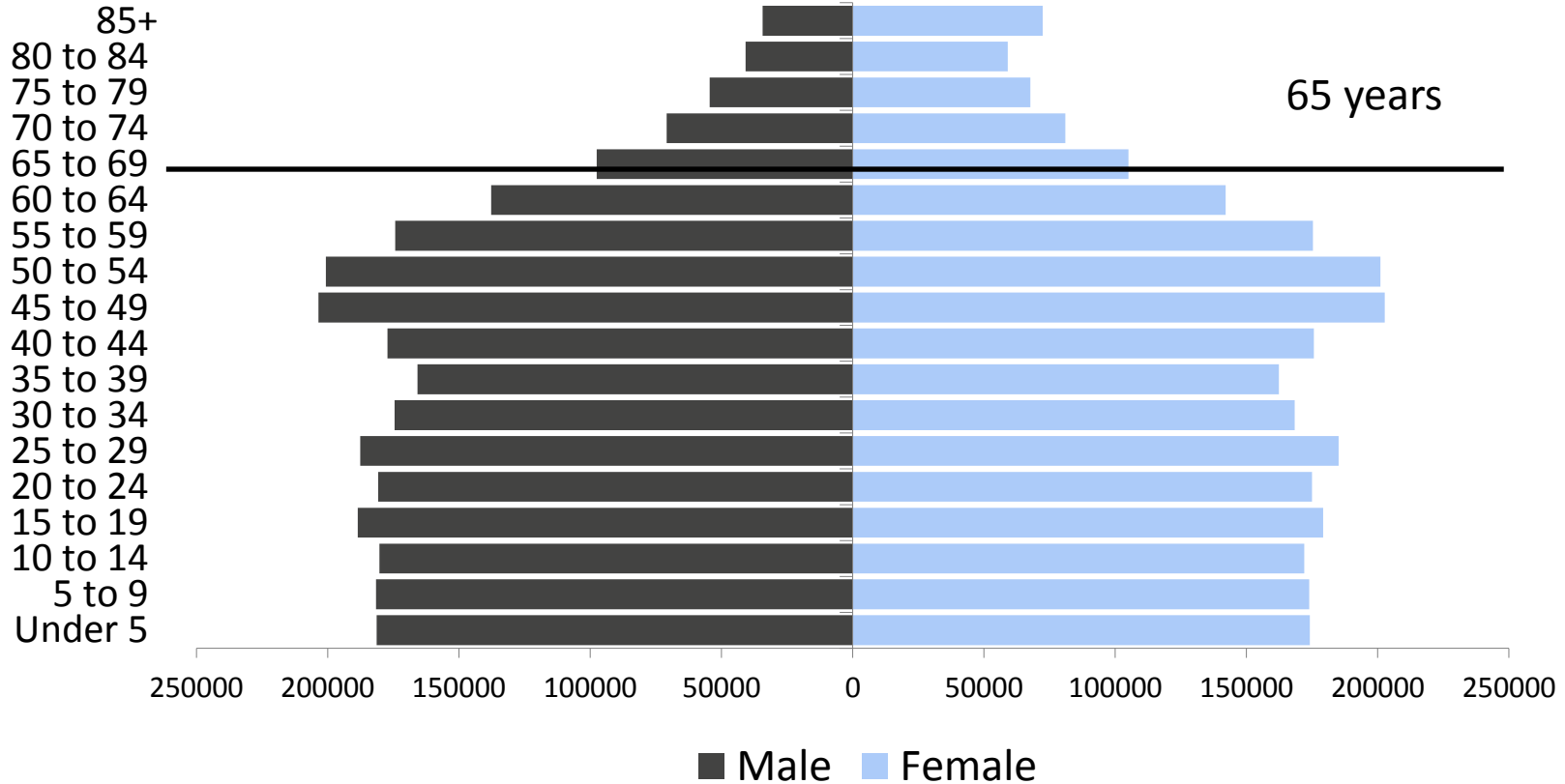




# Why are these changes so marked now?

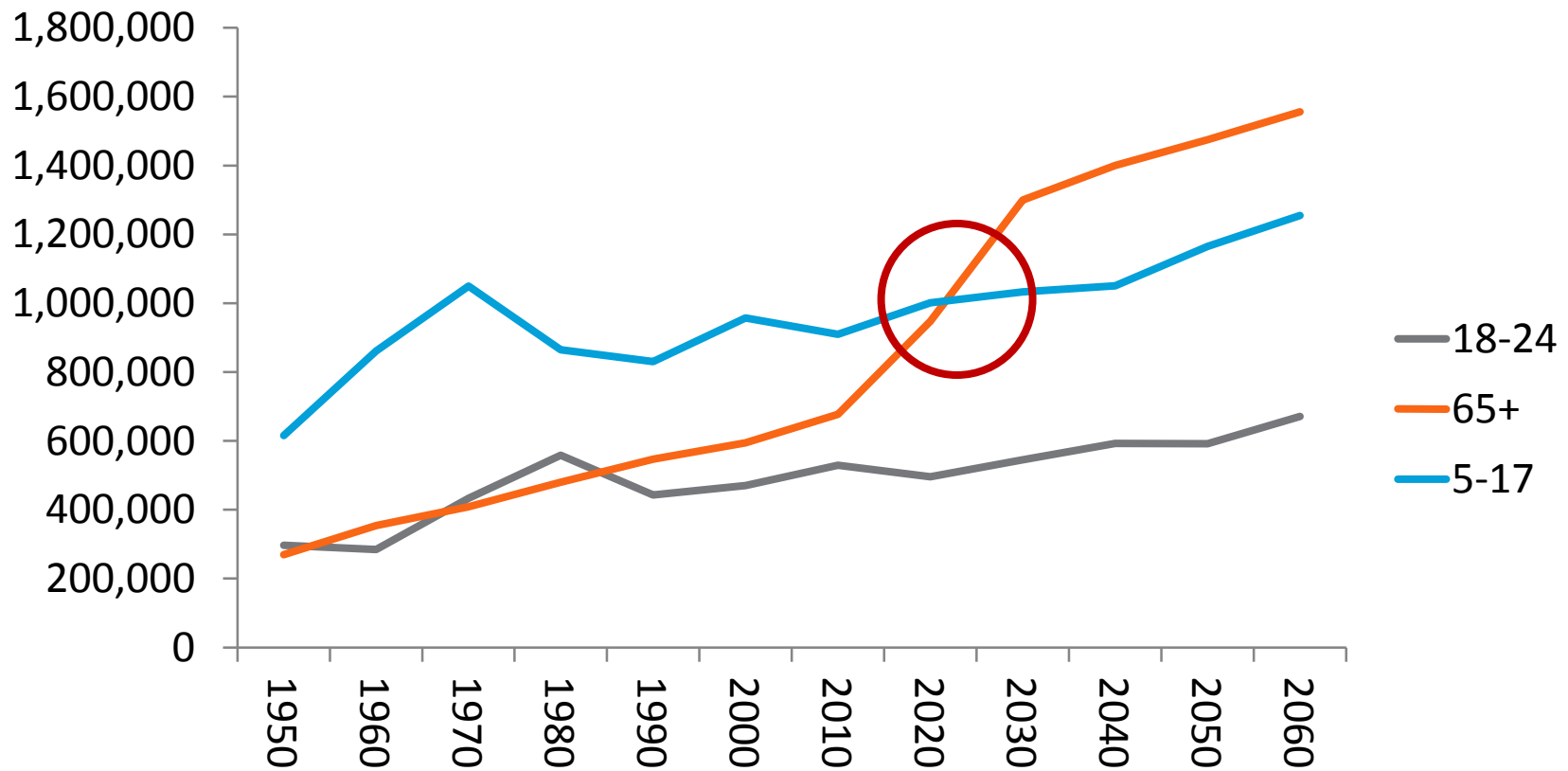


Population by age and sex  
Minnesota, 2012



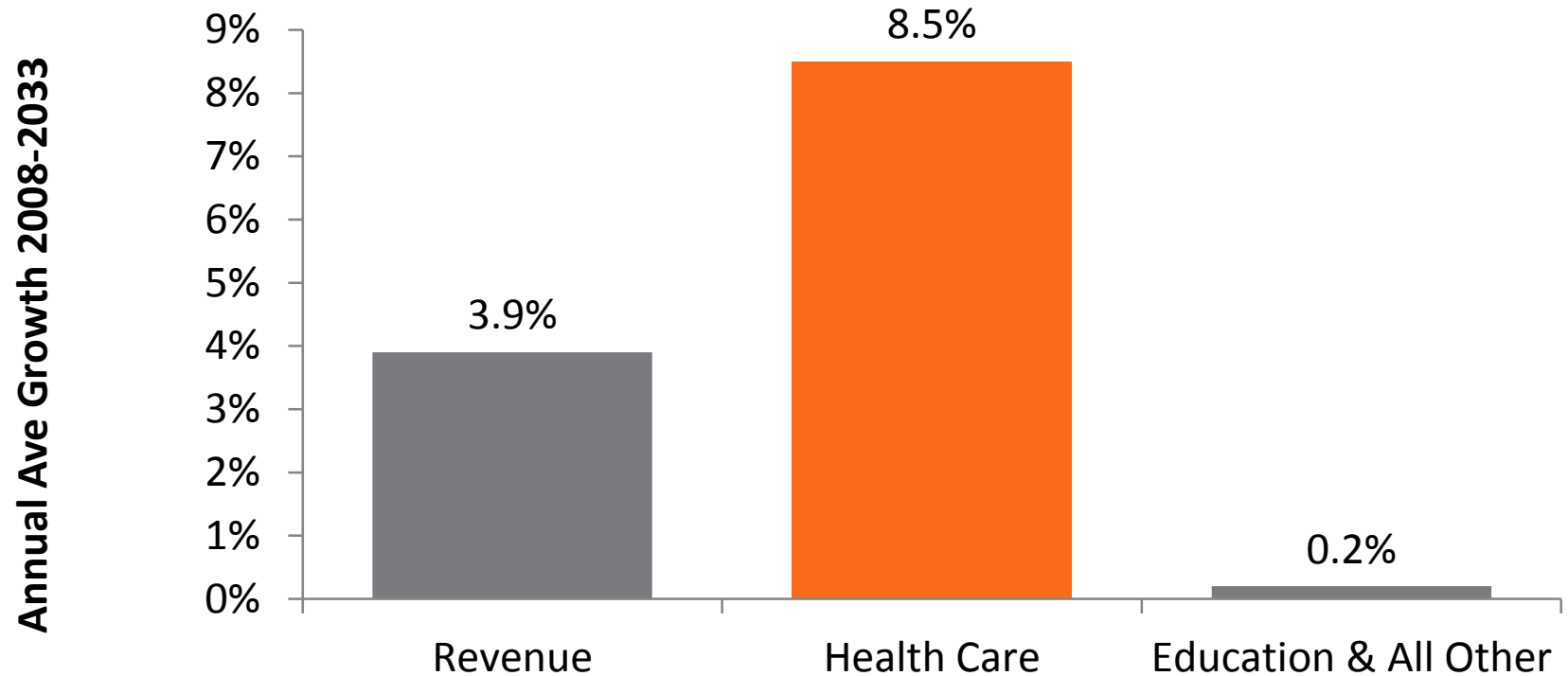


# For the first time in MN history: More 65+ than school-age by 2020





# From 2008: If State Health Care Costs Continue Their Current Trend, State Spending On Other Services Can't Grow



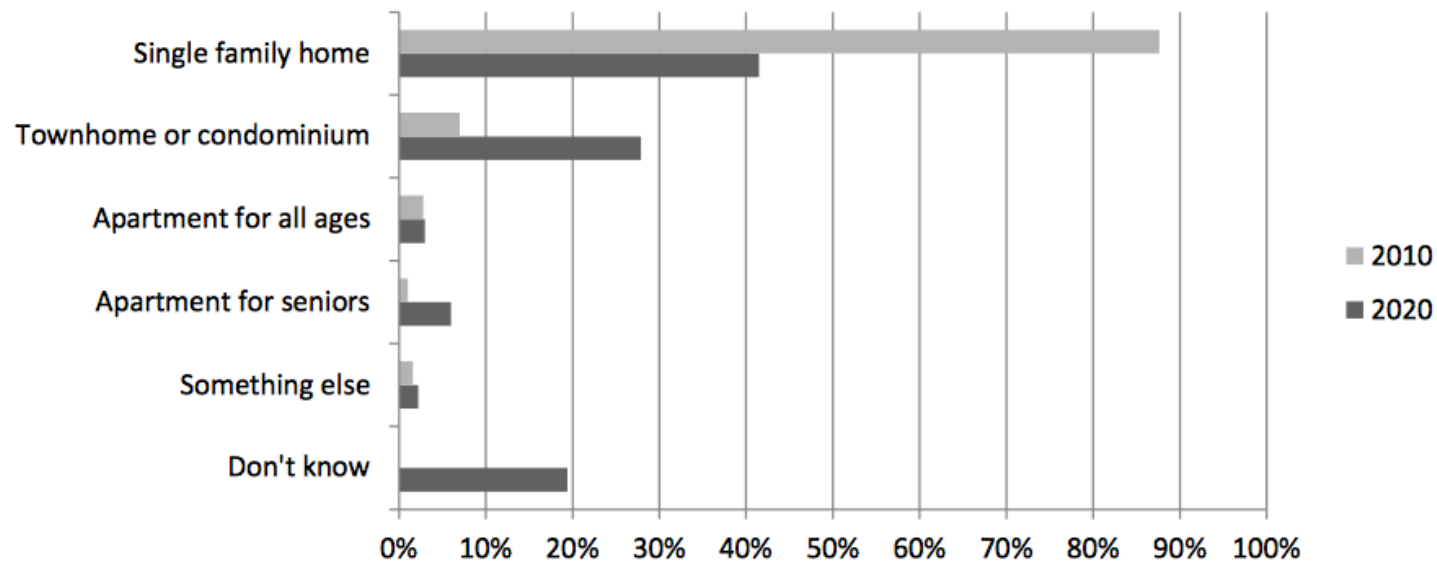
Source: General Fund Spending Outlook, presentation to the Budget Trends Commission, August 2008, Dybdal, Reitan and Broat



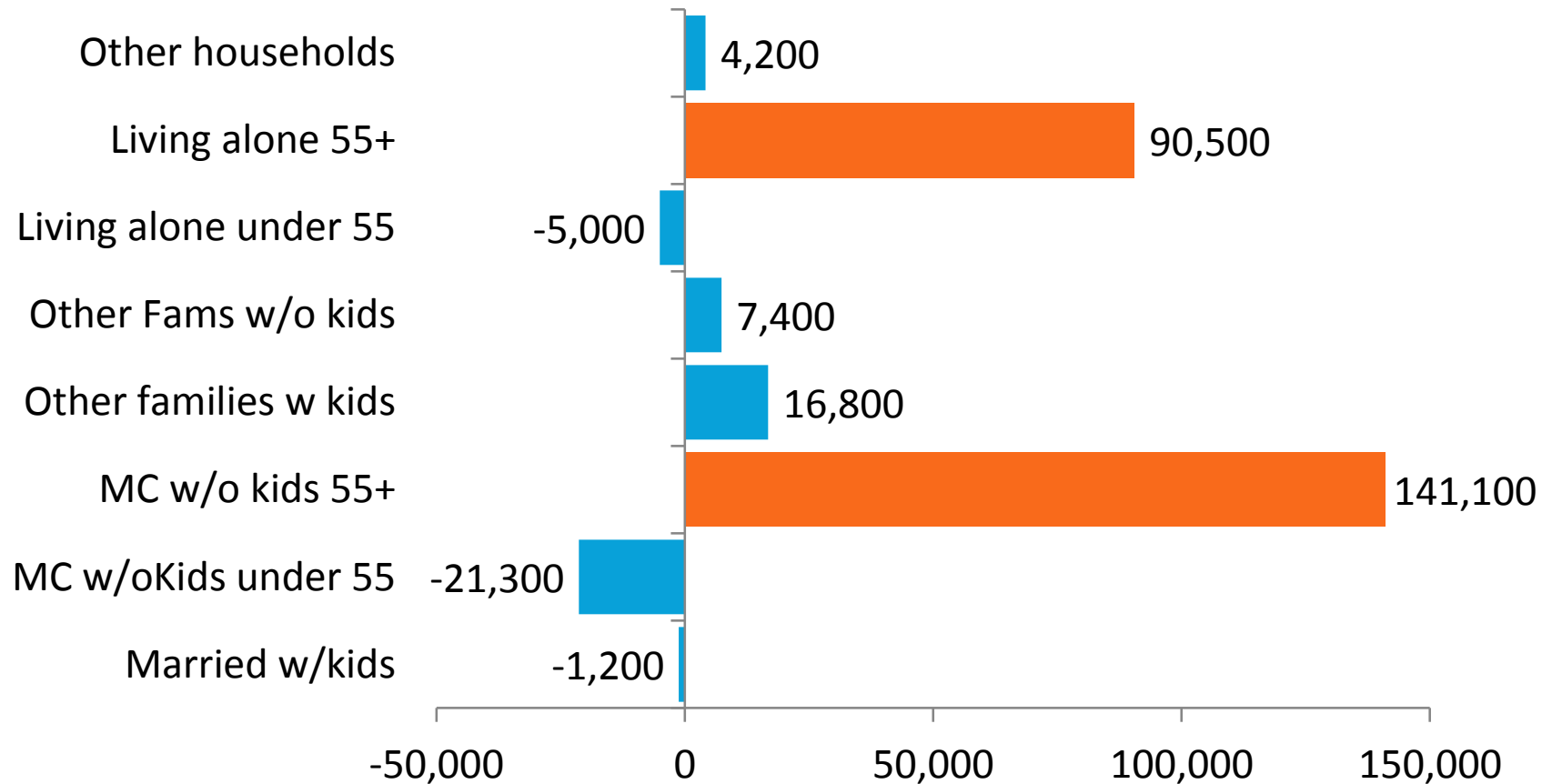
# Aging brings shift in the demand for housing



Figure 7: Types of Housing in 2010 as Compared to Expected Housing Types in 2020 for Respondents Considering a Move in the next Ten Years (2010 n=3,803; 2020 n=1,417)



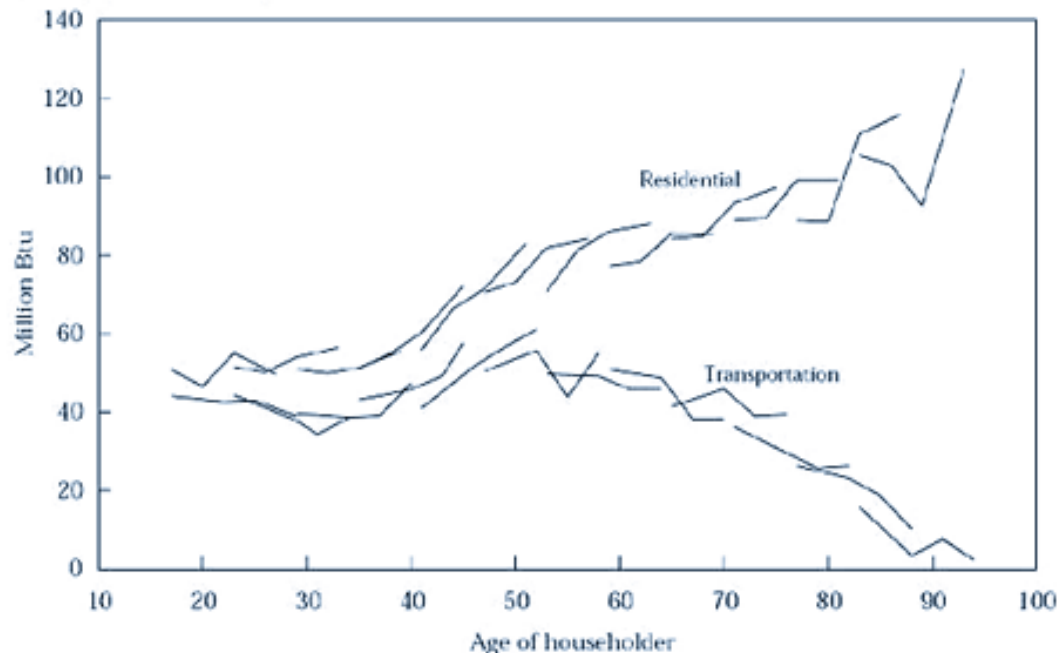
# Household Growth 2010-20 Will Be Older Empty Nesters And Older Living Alone





# Older adults consume more residential energy per capita

FIGURE 2 US per capita energy use 1987-97 (residential) and 1983-94 (transportation), by cohort

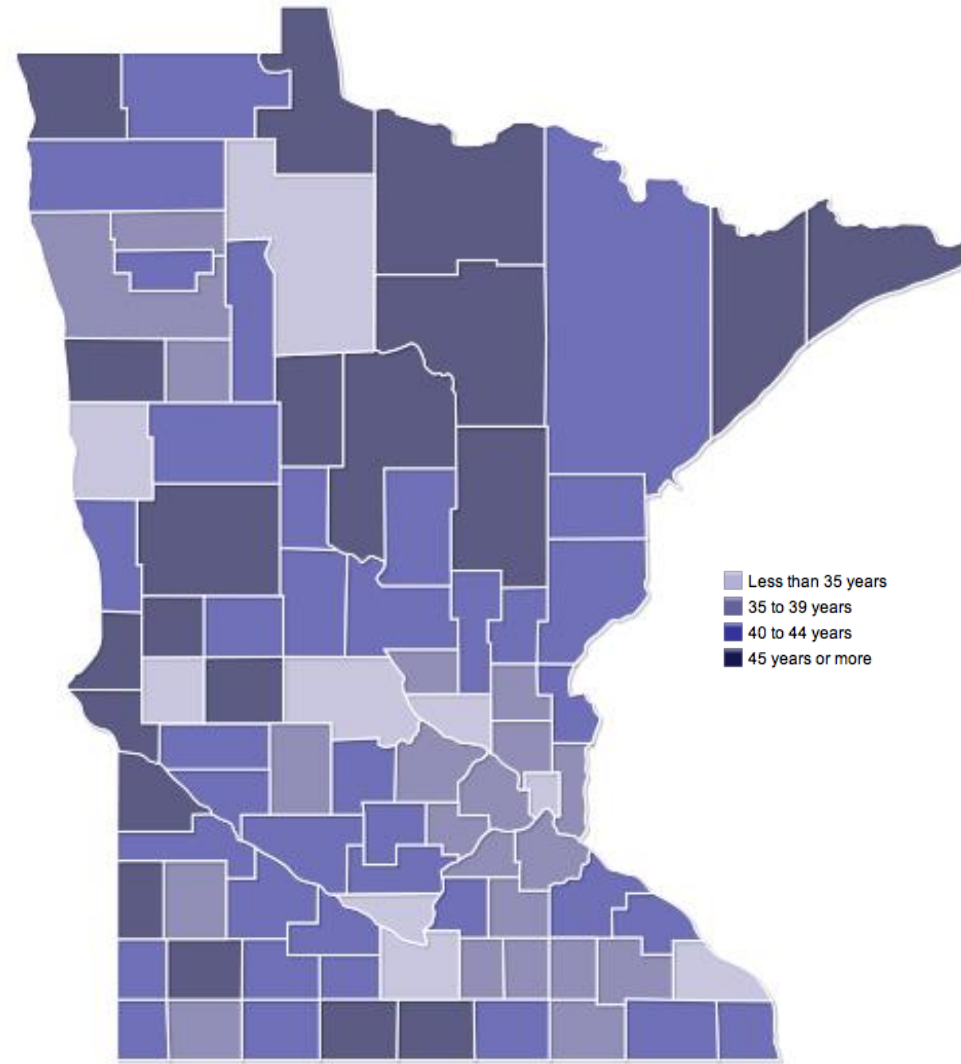


O'Neill and Chen, 2002: Demographic determinants of household energy use in the United States. *Popul. Dev. Rev.* 28:53-88.



Different regions of the  
state experience  
population aging along  
different timelines

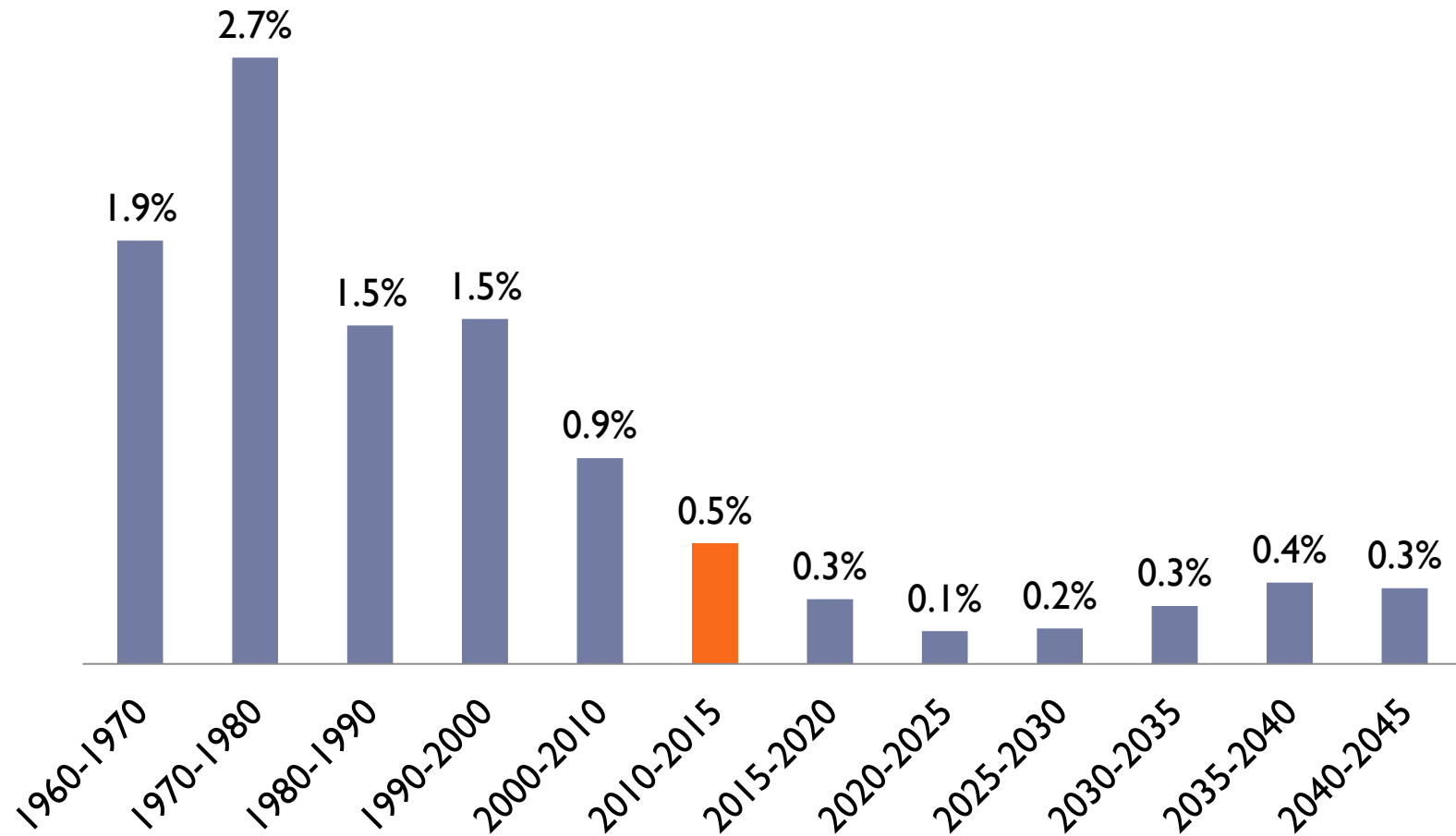
## Median age, 2012



Source: U.S. Census Bureau via MN Compass.



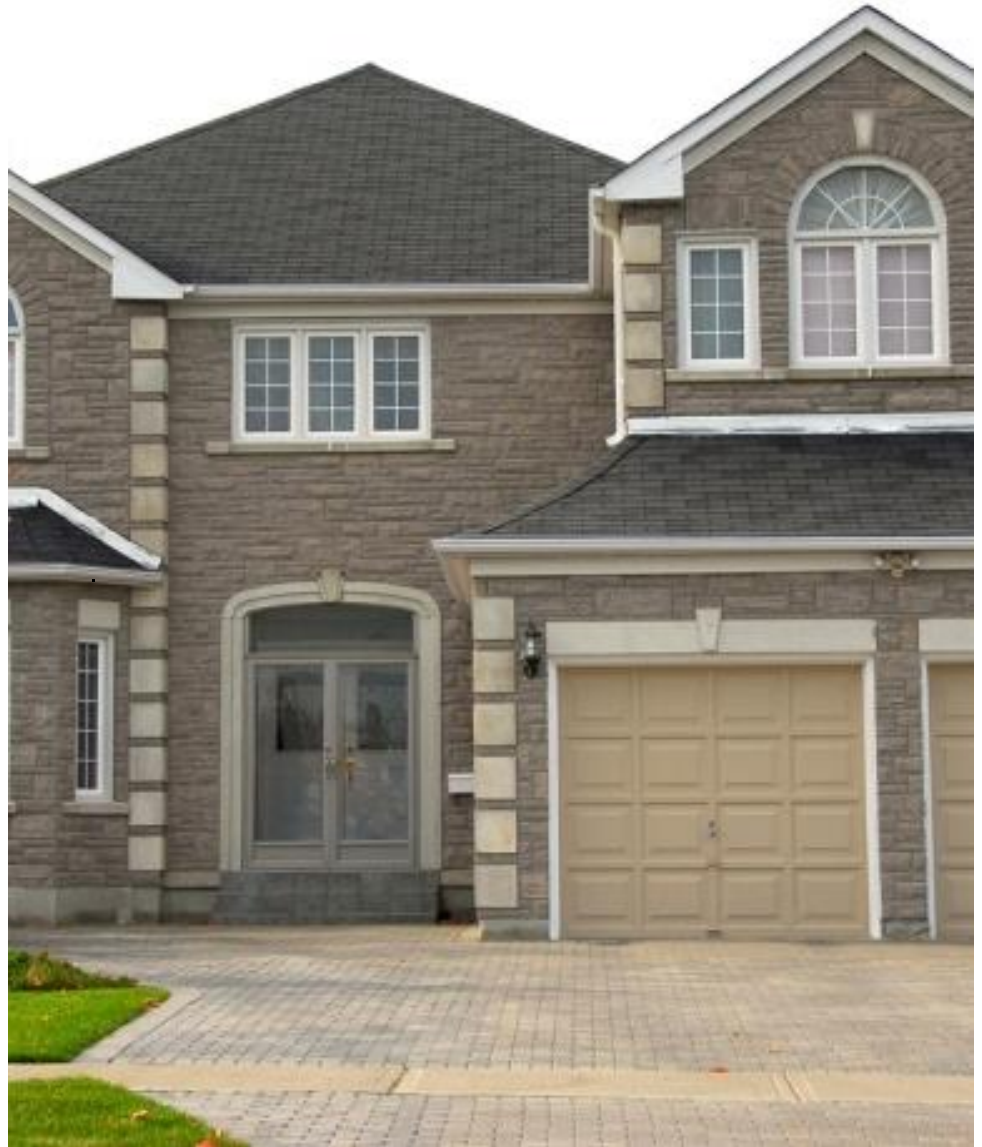
# Labor force growth is projected to slow

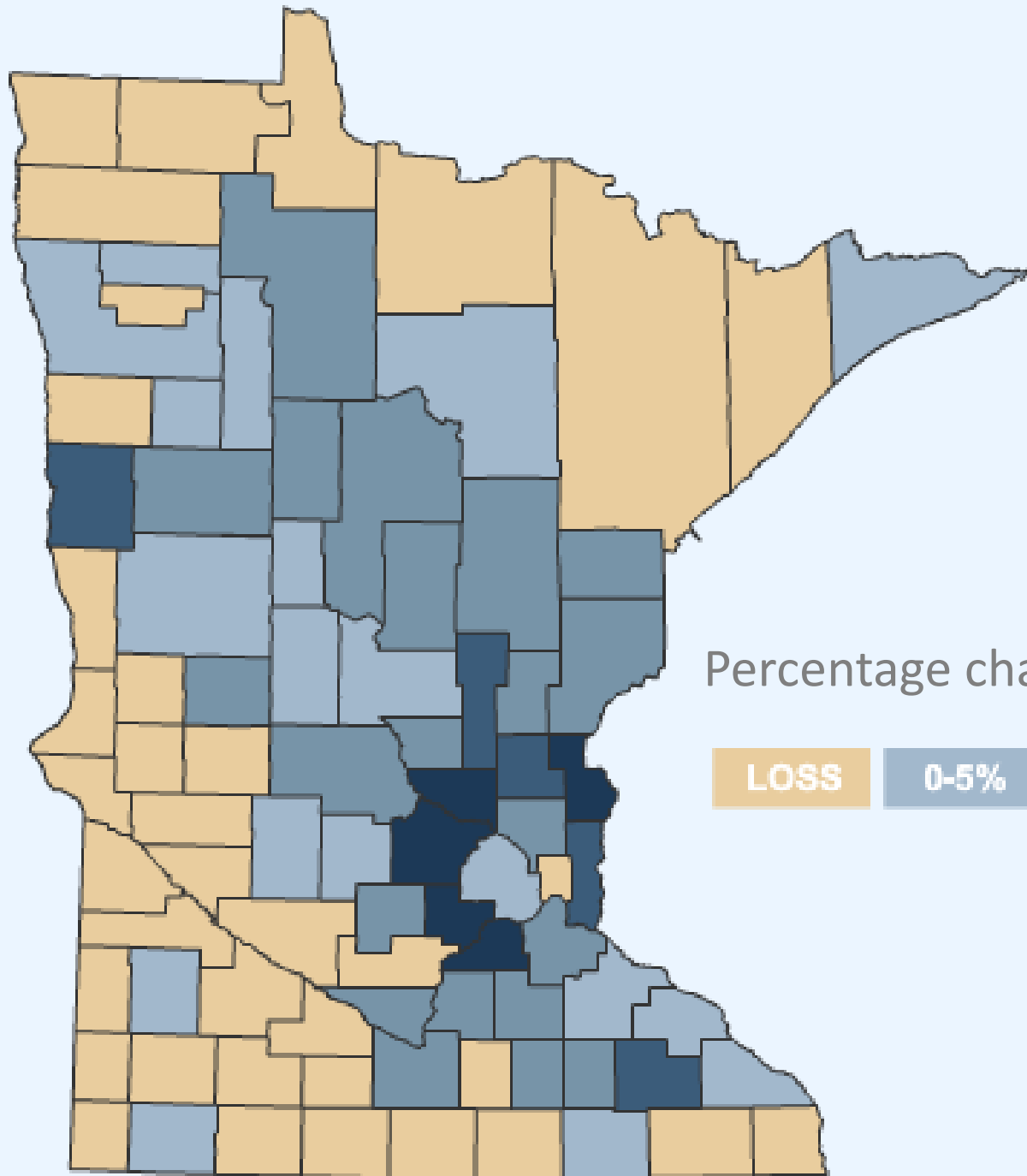




## Trend #2

Growth around  
the state looks  
different





Percentage change 2000-2010

LOSS

0-5%

5-15%

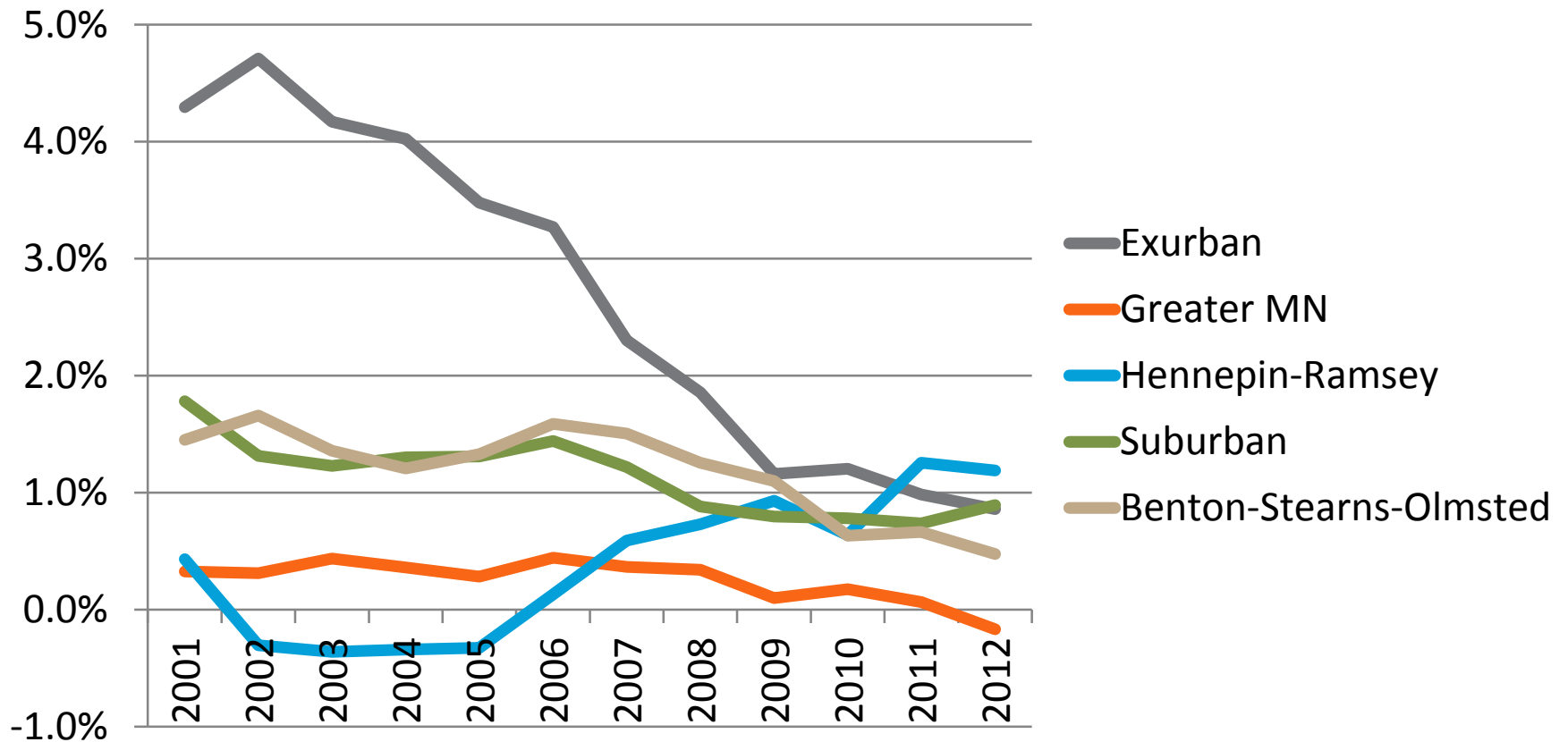
15-25%

25% +





# Population growth rates have converged over the last decade

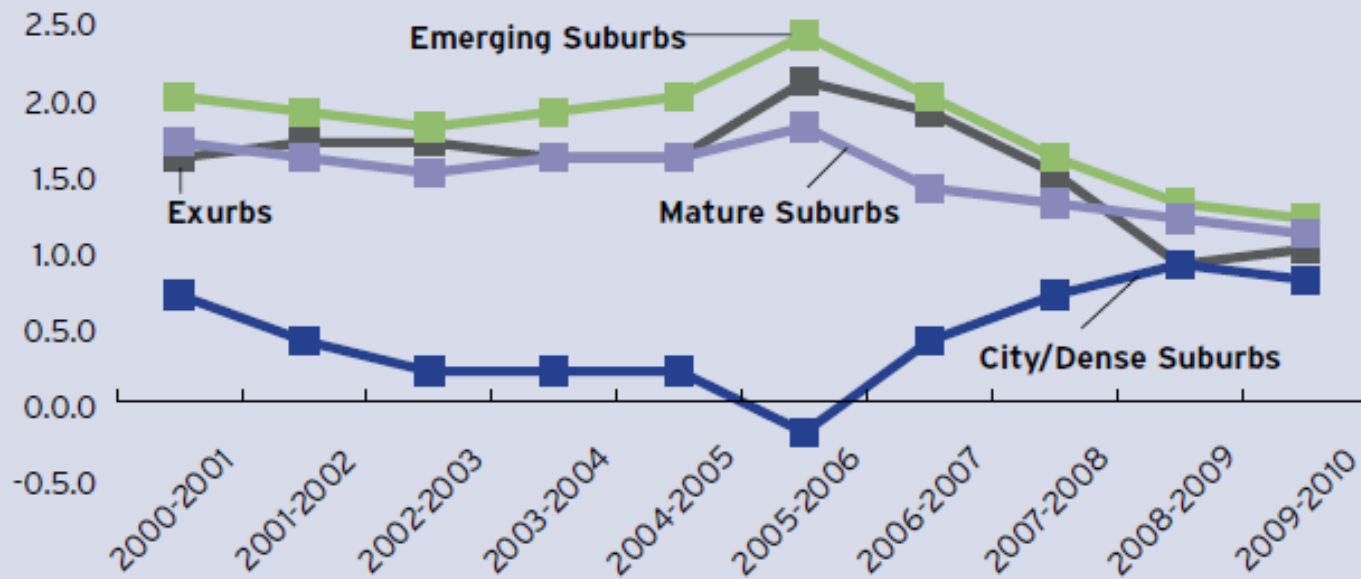


Source: U.S. Census Bureau

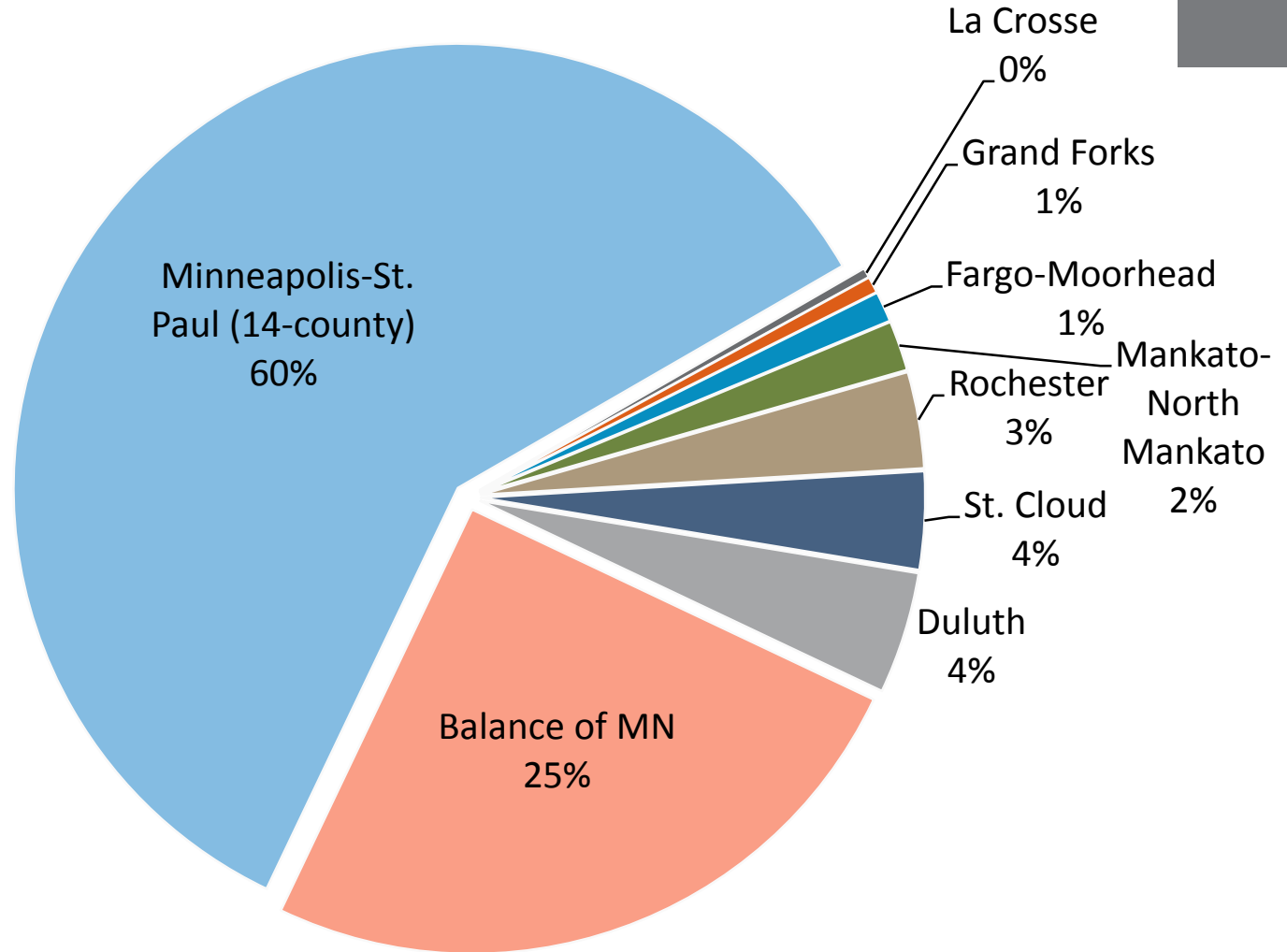
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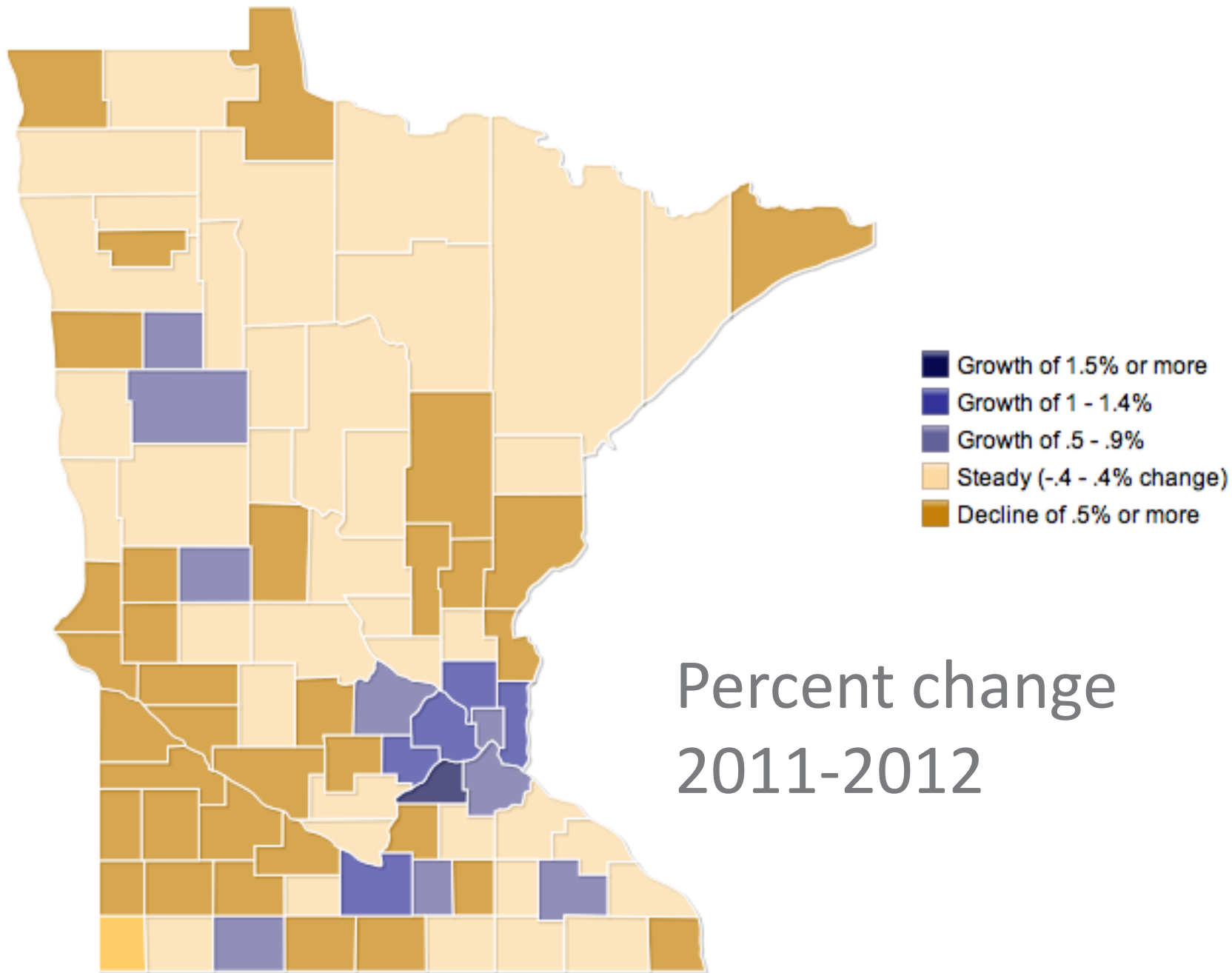
# Growth rates are converging nationally too

**Figure 5. Annual Growth Rate by County Urbanization, Large Metro Areas, 2000-2010**

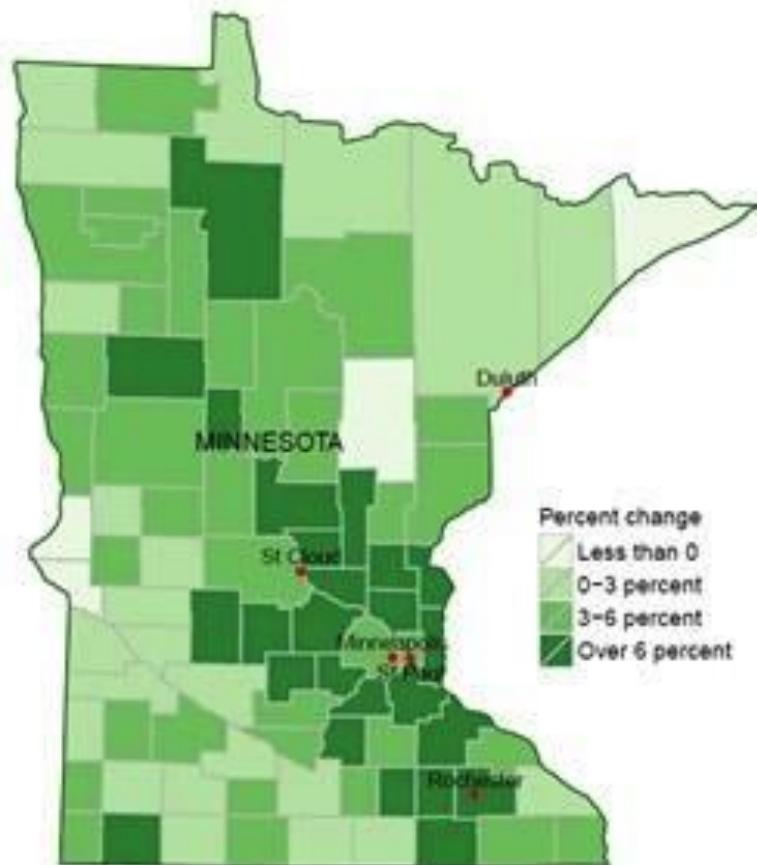


# + Three quarters of the state lives in a metropolitan area, 2008-2012





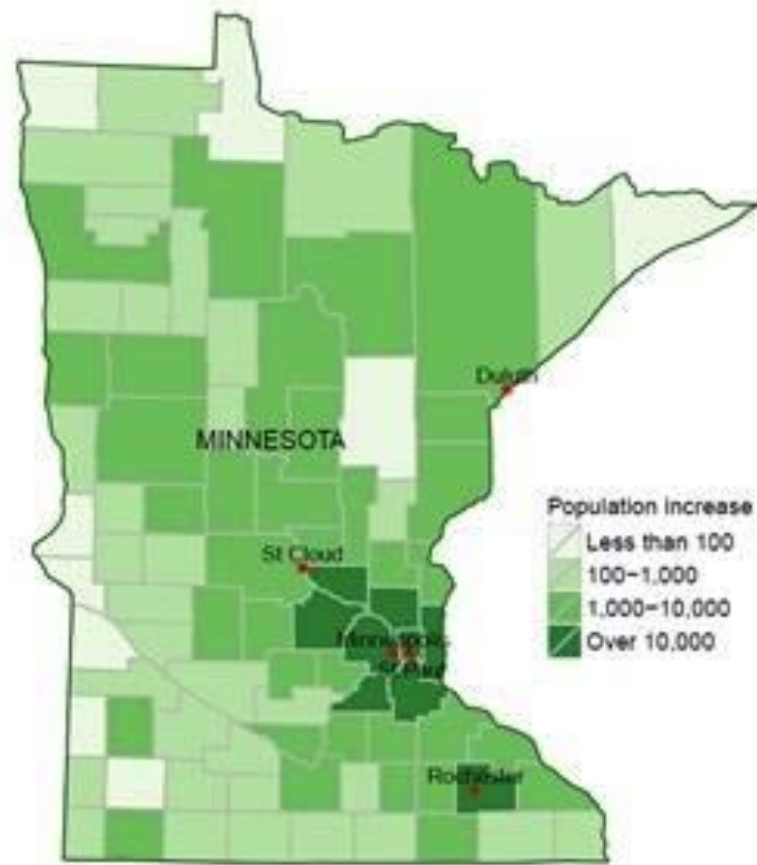
Map 1: Projected rate of population growth, 2015 to 2025



Source: Minnesota State Demographic Center

As published by CURA, University of Minnesota

Map 2: Projected absolute population growth, 2015 to 2025



Source: Minnesota State Demographic Center



Trend #3:  
Minnesota and  
the Twin Cities are  
becoming more  
diverse

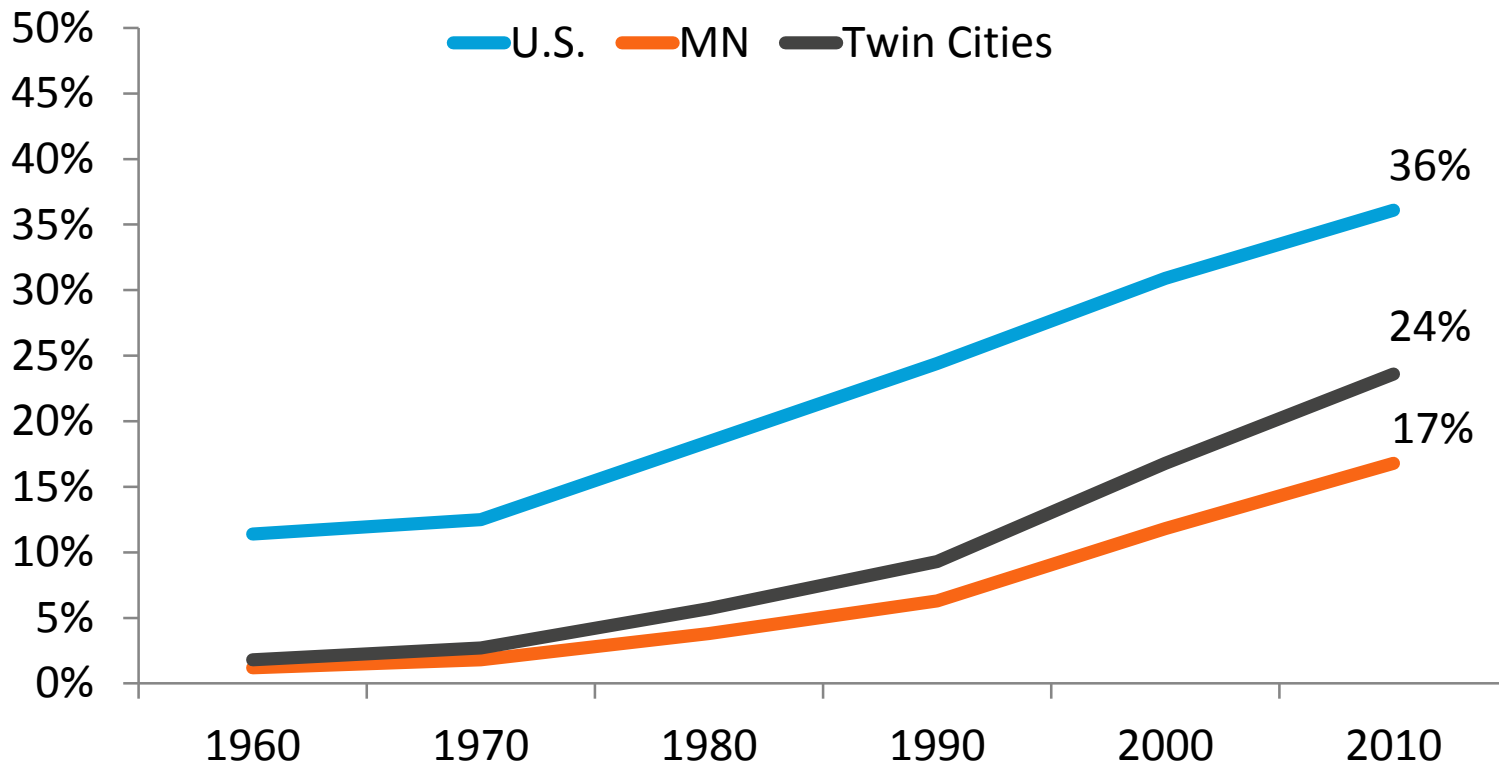




# 50 years of growing diversity in our region, state, nation



**Percent Of Color, 1960-2010**

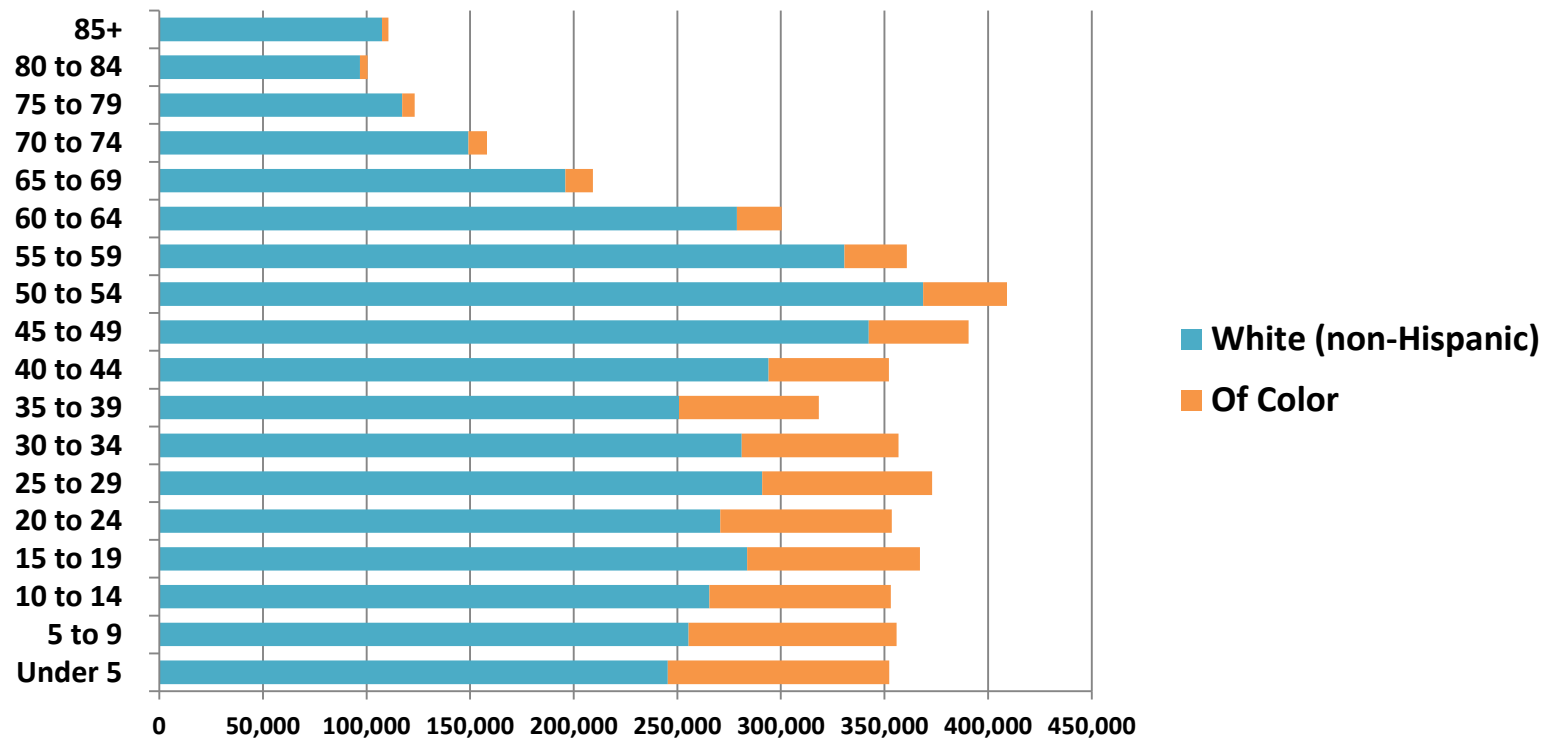




# A portrait of Minnesota, 2011



## White (non-Hispanic) and Of Color Population Minnesota, 2011

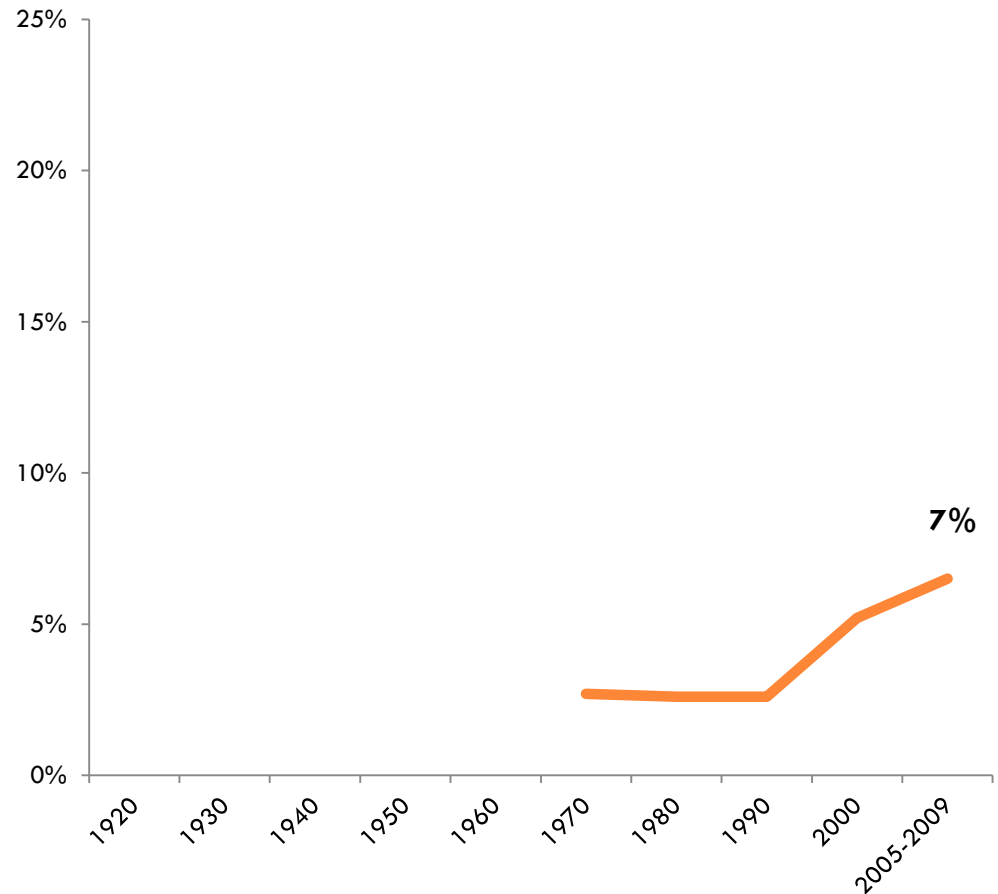






# International immigration has been increasing in recent decades...

Percent Foreign Born  
Minnesota 1970-2009

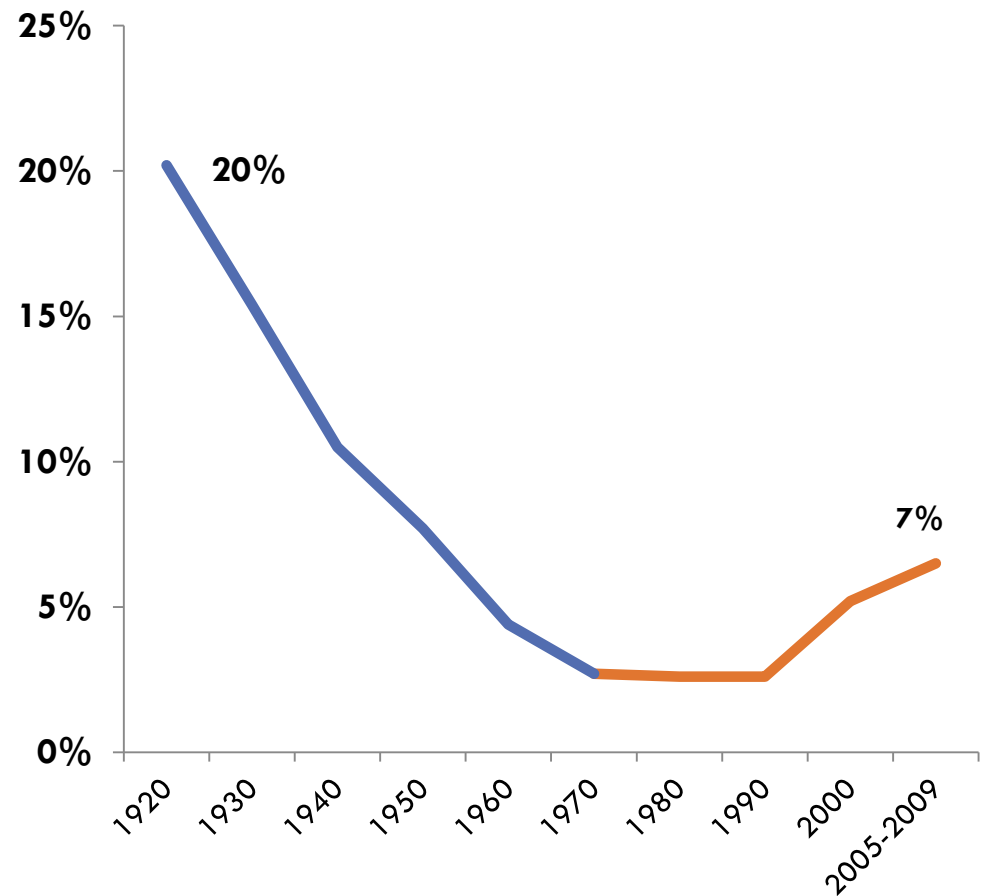


Source: U.S. Census Bureau



# ...but immigration is not a new phenomenon in MN

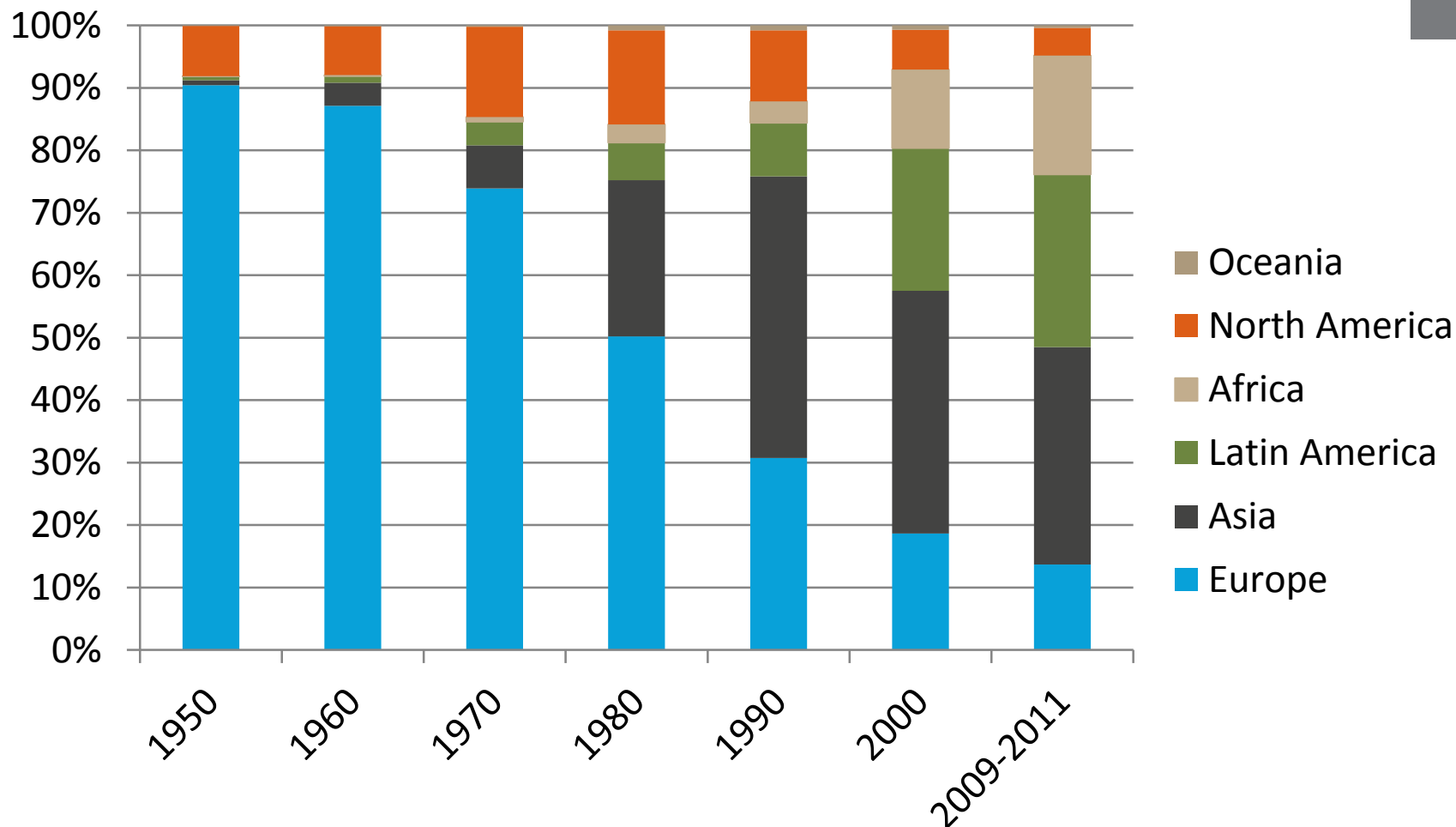
Percent Foreign Born  
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Source: U.S. Census Bureau



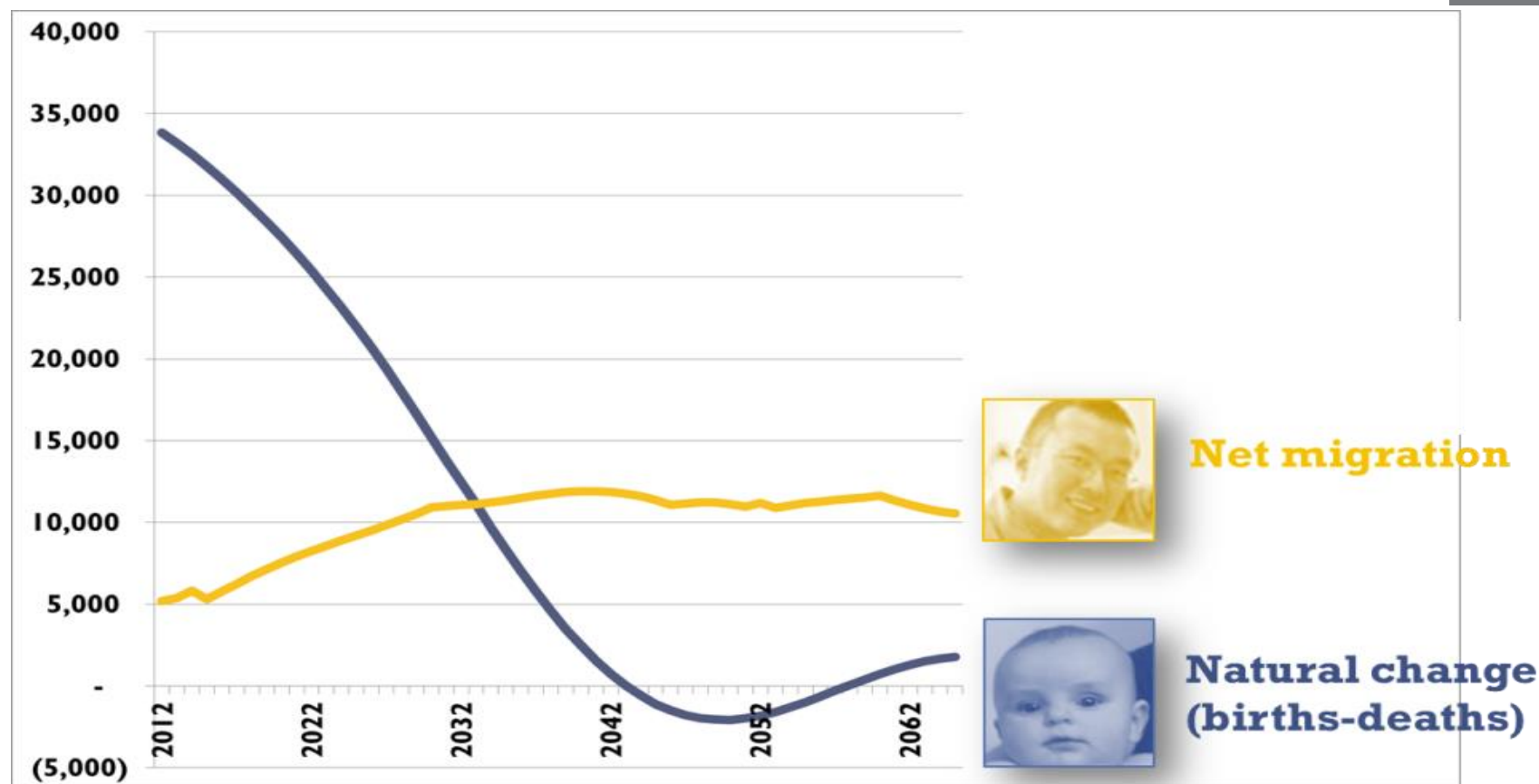
# Our foreign-born population is becoming increasingly diverse



Source: Tabulated by the Minnesota State Demographic Center from the Integrated Public Use Microdata Series

+

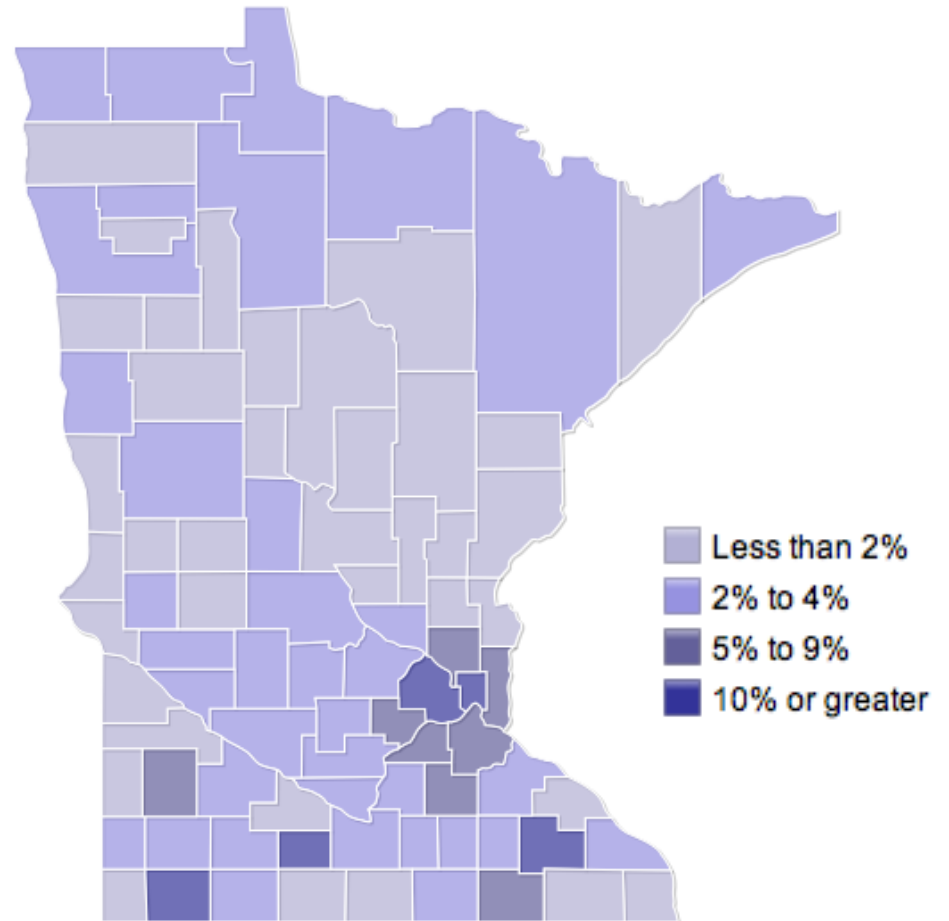
# Minnesota's projected net migration and natural change, 2012-2065





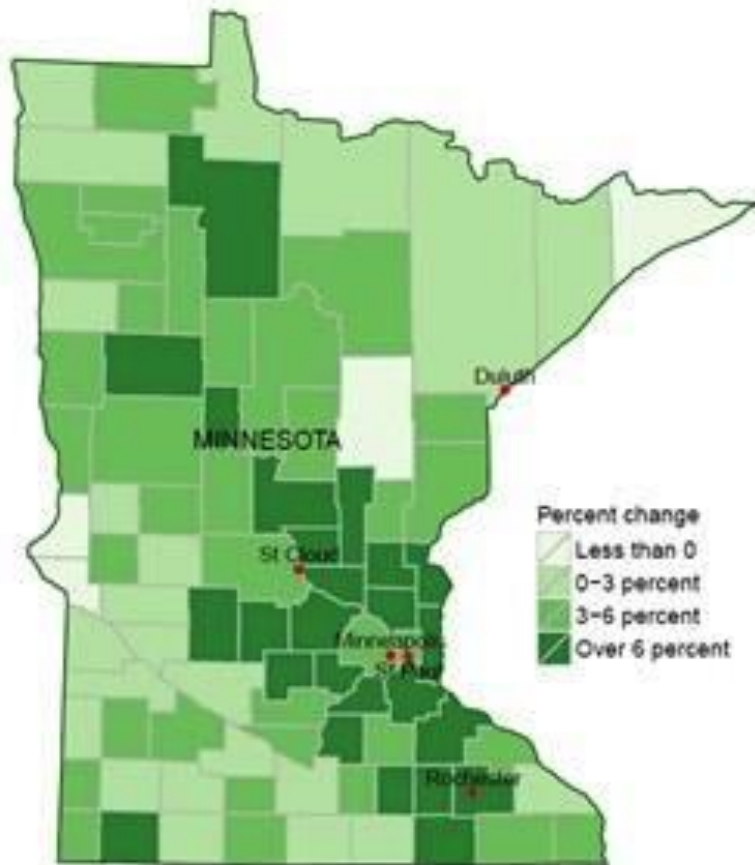
Younger age structure,  
population growth  
and immigration are  
related

## Percent foreign born, 2008-2012



Source: U.S. Census Bureau

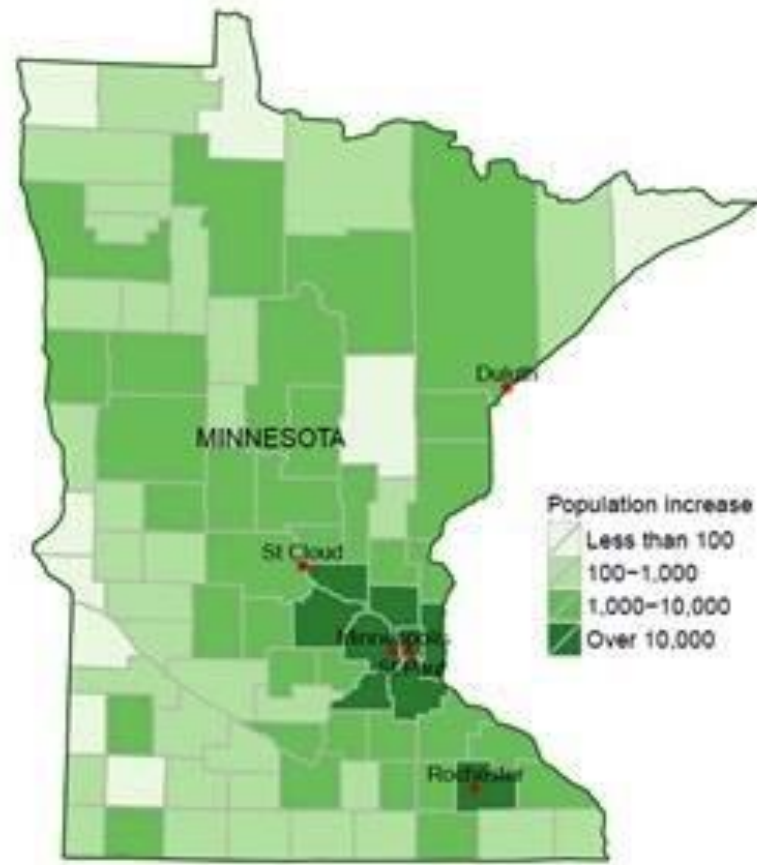
Map 1: Projected rate of population growth, 2015 to 2025



Source: Minnesota State Demographic Center

As published by CURA, University of Minnesota

Map 2: Projected absolute population growth, 2015 to 2025



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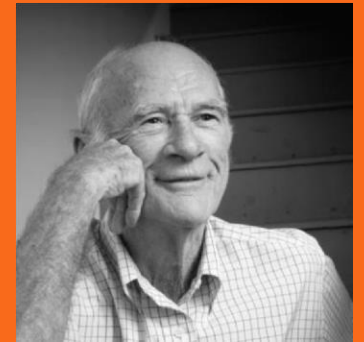
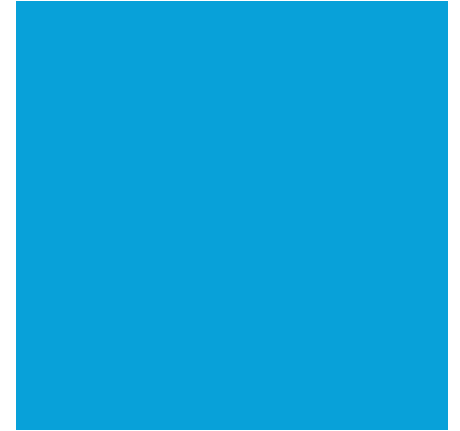
# Considerations of Demographic Change



- Fewer school-age children relative to older adults will mean pressures to shift resources (public, nonprofit) from younger to older
- Age pattern to energy use – older households consume more residential energy
- Population stability for many of Greater Minnesota counties
- Continued population growth and stability will increasingly rely on immigration



Questions?  
Comments?



Population projections by MN region and county can be found here: [www.demography.state.mn.us](http://www.demography.state.mn.us)

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